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Get Now: ☒ PDF | [More choices...](#)Tools: Add to Work File: [Create new Work File](#)View: [INPADOC](#) | Jump to: [Top](#)[Email](#)Title: **JP2003090299A2: FINGER GUARD WITH FILTER FOR FAN**Country: **JP Japan**Kind: **A2 Document Laid open to Public inspection**Inventor: **IZAKI KIMISUKE;**Assignee: **TOSHIBA CORP**  
[News, Profiles, Stocks and More about this company](#)Published / Filed: **2003-03-28 / 2001-09-18**Application Number: **JP2001000282494**IPC Code: **F04D 29/52; F04D 29/00; F04D 29/54; G06F 1/20; F04D 25/08;**Priority Number: **2001-09-18 JP2001000282494**

Abstract: PROBLEM TO BE SOLVED: To provide a finger guard with a filter for a fan preventing contact of a user and the entry of dust to a rotating portion of the fan used for cooling office automation apparatus, saving a space, and facilitating removing of the finger guard.

SOLUTION: At each center portion of right and left sides of an upper finger guard 37, projections 40a, 40b fitted in recessed portions 41a, 41b formed at center portions of the right and left sides of a frame wall 35 in a base body 34 are respectively provided. By taking up the projections 40a, 40b between fingers, locking of depressed portions 39a, 39b by upper and lower locking pieces 38a, 38b in the frame wall 35 is released, and the upper finger guard 37 can be removed from the base body 34. In regard to the base body 34 of a finger guard 30 integrated on a front surface of a fan casing 11, the exterior measurements of the upper finger guard 37 can be stored.

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**(54) FINGER GUARD WITH FILTER FOR FAN**

(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a finger guard with a filter for a fan preventing contact of a user and the entry of dust to a rotating portion of the fan used for cooling office automation apparatus, saving a space, and facilitating removing of the finger guard.

**SOLUTION:** At each center portion of right and left sides of an upper finger guard 37, projections 40a, 40b fitted in recessed portions 41a, 41b formed at center portions of the right and left sides of a frame wall 35 in a base body 34 are respectively provided. By taking up the projections 40a, 40b between fingers, locking of depressed portions 39a, 39b by upper and lower locking pieces 38a, 38b in the frame wall 35 is released, and the upper finger guard 37 can be removed from the base body 34. In regard to the base

body 34 of a finger guard 30 integrated on a front surface of a fan casing 11, the exterior measurements of the upper finger guard 37 can be stored.

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